

## ABSTRACT:

This transmission system comprises a station of a first type (1) and a plurality of stations of a second type (2, 3, 4, ...) which include a transmitting part (**T**) having a transmit timing controller for transmitting data at a transmit timing and a receiving part (**R**) having synchronizing circuits for synchronization with data transmitted from the station of the first type. When the stations of the second type are moving, their transmit timing is modified to facilitate the synchronization of the reception of the station (1) by solely being based on the receive timing at these stations of the second type.

Cellular telephone networks

Fig. 1